

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Andreas Marx, et al.
Application No. : 10/588,570
Int'l Filing Date : February 4, 2005
For : MUTATED DNA POLYMERASES WITH INCREASED
MISPAIRING DISCRIMINATION

Docket No. : 630196.401USPC
Date : May 4, 2007

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Information Disclosure Statement. Copies of cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of any other cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,
Seed Intellectual Property Law Group PLLC



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Enclosures:

Information Disclosure Statement
Cited References (3)

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| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | ATTY. DOCKET NO. 630196.401USPC | APPLICATION NO. 10/588,570 |
| | APPLICANTS Andreas Marx et al. | |
| | INT'L FILING DATE February 4, 2005 | GROUP ART UNIT |
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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | |
| | AB | | | | | |
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FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|--------------------|------|---------|-------------|----|
| | | | | YES | NO |
| | AK | | | | |
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| | AM | | | | |
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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|----|---|
| AO | Minnick, Dana T., et al., "Side Chains That Influence Fidelity at the Polymerase Active Site of <i>Escherichia coli</i> DNA Polymerase I (Klenow Fragment)," <i>The Journal of Biological Chemistry</i> , 274(5):3067-3075, January 29, 1999. |
| AP | Pavlov, Andrey R., et al., "Recent developments in the optimization of thermostable DNA polymerases for efficient applications," <i>TRENDS in Biotechnology</i> , 22(5):253-260, May 2004. |
| AQ | Patel, Premal H., et al., "Prokaryotic DNA Polymerase I: Evolution, Structure, and "Base Flipping" Mechanism for Nucleotide Selection," <i>J. Mol. Biol.</i> , 308:823-837, 2001. |

EXAMINER

/Richard Hutson/

DATE CONSIDERED

01/03/2010

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).